

## **RAW SEQUENCE LISTING**

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Information Center (STIC) no errors detected.**

Application Serial Number: 10/528,172  
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PCT

## RAW SEQUENCE LISTING

DATE: 03/03/2006

PATENT APPLICATION: US/10/528,172

TIME: 12:55:59

Input Set : A:\1751-377.txt

Output Set: N:\CRF4\03032006\J528172.raw

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3 <110> APPLICANT: Ryu, Sung Ho
4      Suh, Pann Ghill
5      Kim, Jong Hyun
6      Jang, Il Ho
7      Lee, Hye Young
8      Chae, Young Chan
9      Ha, Sang Hoon
10     Park, Jong Bae
11     Kim, Jung Hwan
12     Lee, Sukmook
13     Lee, Jun Sung
14     Lee, Chang Sup
15     Kim, Hyun Wook
16     Kim, Il Shin
17     Jeon, Hyeona
19 <120> TITLE OF INVENTION: Peptide Complexes Containing Phospholipase D
21 <130> FILE REFERENCE: 1751-377
23 <140> CURRENT APPLICATION NUMBER: 10/528,172
24 <141> CURRENT FILING DATE: 2005-03-17
26 <150> PRIOR APPLICATION NUMBER: PCT/KR03/001903
27 <151> PRIOR FILING DATE: 2003-09-18
29 <150> PRIOR APPLICATION NUMBER: 60/416,552
30 <151> PRIOR FILING DATE: 2002-10-08
32 <150> PRIOR APPLICATION NUMBER: 60/411,600
33 <151> PRIOR FILING DATE: 2002-09-18
35 <160> NUMBER OF SEQ ID NOS: 15
37 <170> SOFTWARE: PatentIn version 3.3
39 <210> SEQ ID NO: 1
40 <211> LENGTH: 6
41 <212> TYPE: PRT
42 <213> ORGANISM: Rattus norvegicus
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47 1      5
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 7
52 <212> TYPE: PRT
53 <213> ORGANISM: Rattus norvegicus
55 <400> SEQUENCE: 2
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58 1      5
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 10

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63 <212> TYPE: PRT
64 <213> ORGANISM: Rattus norvegicus
66 <400> SEQUENCE: 3
68 Gly Tyr Ser Phe Thr Thr Thr Ala Glu Arg
69 1 5 10
72 <210> SEQ ID NO: 4
73 <211> LENGTH: 11
74 <212> TYPE: PRT
75 <213> ORGANISM: Rattus norvegicus
77 <400> SEQUENCE: 4
79 His Gln Gly Val Met Val Gly Met Gly Gln Lys
80 1 5 10
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 13
85 <212> TYPE: PRT
86 <213> ORGANISM: Rattus norvegicus
88 <400> SEQUENCE: 5
90 Gln Glu Tyr Asp Glu Ser Gly Pro Ser Ile Val His Arg
91 1 5 10
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 16
96 <212> TYPE: PRT
97 <213> ORGANISM: Rattus norvegicus
99 <400> SEQUENCE: 6
101 Ser Tyr Glu Leu Pro Asp Gly Gln Val Ile Thr Ile Gly Asn Glu Arg
102 1 5 10 15
105 <210> SEQ ID NO: 7
106 <211> LENGTH: 18
107 <212> TYPE: PRT
108 <213> ORGANISM: Rattus norvegicus
110 <400> SEQUENCE: 7
112 Val Ala Pro Glu Glu His Pro Val Leu Leu Thr Glu Ala Pro Leu Asn
113 1 5 10 15
116 Pro Lys
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 356
122 <212> TYPE: PRT
123 <213> ORGANISM: Rattus norvegicus
125 <400> SEQUENCE: 8
127 Pro His Ser Tyr Pro Ala Leu Ser Ala Glu Gln Lys Lys Glu Leu Ser
128 1 5 10 15
131 Asp Ile Ala Leu Arg Ile Val Ala Pro Gly Lys Gly Ile Leu Ala Ala
132 20 25 30
135 Asp Glu Ser Val Gly Ser Met Ala Lys Arg Leu Ser Gln Ile Gly Val
136 35 40 45
139 Glu Asn Thr Glu Glu Asn Arg Arg Leu Tyr Arg Gln Val Leu Phe Ser
140 50 55 60
143 Ala Asp Asp Arg Val Lys Lys Cys Ile Gly Gly Val Ile Phe Phe His
144 65 70 75 80

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147 Glu Thr Leu Tyr Gln Lys Asp Asp Asn Gly Val Pro Phe Val Arg Thr
148      85      90      95
151 Ile Gln Glu Lys Gly Ile Leu Val Gly Ile Lys Val Asp Lys Gly Val
152      100      105      110
155 Val Pro Leu Ala Gly Thr Asp Gly Glu Thr Thr Thr Gln Gly Leu Asp
156      115      120      125
159 Gly Leu Leu Glu Arg Cys Ala Gln Tyr Lys Lys Asp Gly Ala Asp Phe
160      130      135      140
163 Ala Lys Trp Arg Cys Val Leu Lys Ile Ser Asp Arg Thr Pro Ser Ala
164 145      150      155      160
167 Leu Ala Ile Leu Glu Asn Ala Asn Val Leu Ala Arg Tyr Ala Ser Ile
168      165      170      175
171 Cys Gln Gln Asn Gly Ile Val Pro Ile Val Glu Pro Glu Ile Leu Pro
172      180      185      190
175 Asp Gly Asp His Asp Leu Lys Arg Gln Phe Val Glu Lys Val Leu Ala
176      195      200      205
179 Ala Val Tyr Lys Ala Leu Ser Asp His His Val Tyr Leu Glu Gly Thr
180      210      215      220
182 Leu Leu Lys Pro Asn Met Val Thr Pro Gly His Ala Cys Pro Ile Lys
184 225      230      235      240
187 Tyr Ser Pro Glu Glu Ile Ala Met Thr Ala Leu Arg Arg Thr Val Pro
188      245      250      255
191 Pro Ala Val Pro Gly Val Thr Phe Leu Ser Gly Gly Gln Ser Glu Glu
192      260      265      270
195 Glu Ala Ser Leu Asn Leu Asn Ala Ile Asn Arg Cys Ser Leu Pro Arg
196      275      280      285
199 Pro Trp Ala Leu Thr Phe Ser Tyr Gly Arg Ala Leu Gln Ala Ser Ala
200      290      295      300
203 Leu Ser Ala Trp Arg Gly Gln Arg Asp Asn Ala Gly Ala Ala Thr Glu
204 305      310      315      320
207 Glu Phe Ile Lys Arg Ala Glu Met Asn Gly Leu Ala Ala Gln Gly Lys
208      325      330      335
211 Tyr Glu Gly Ser Gly Asp Gly Gly Ala Ala Ala Gln Ser Leu Tyr Val
212      340      345      350
215 Ala Asn Ala Tyr
216      355
219 <210> SEQ ID NO: 9
220 <211> LENGTH: 136
221 <212> TYPE: PRT
222 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 9
226 Gly Cys Pro Ile Lys Ala Gln Val Leu Glu Val Glu Arg Phe Thr Ser
227 1      5      10      15
230 Thr Thr Arg Val Pro Ser Ile Asn Leu Tyr Thr Ile Glu Leu Thr His
231      20      25      30
234 Gly Glu Phe Lys Trp Gln Val Lys Arg Lys Phe Lys His Phe Gln Glu
235      35      40      45
238 Phe His Arg Glu Leu Leu Lys Tyr Lys Ala Phe Ile Arg Ile Pro Ile
239      50      55      60

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242 Pro Thr Arg Arg His Thr Phe Arg Arg Gln Asn Val Arg Glu Glu Pro
243 65              70              75              80
246 Arg Glu Met Pro Ser Leu Pro Arg Ser Ser Glu Asn Met Ile Arg Glu
247              85              90              95
250 Glu Gln Phe Leu Gly Arg Arg Lys Gln Leu Glu Asp Tyr Leu Thr Lys
251              100             105             110
254 Ile Leu Lys Met Pro Met Tyr Arg Asn Tyr His Ala Thr Thr Glu Phe
255              115             120             125
258 Leu Asp Ile Ser Gln Leu Ser Phe
259      130              135
262 <210> SEQ ID NO: 10
263 <211> LENGTH: 120
264 <212> TYPE: PRT
265 <213> ORGANISM: Homo sapiens
267 <400> SEQUENCE: 10
269 Ile Ala Leu Leu Gly Phe Glu Lys Arg Phe Val Pro Ser Gln His Tyr
270 1              5              10              15
273 Val Tyr Met Phe Leu Val Lys Trp Gln Asp Leu Ser Glu Lys Val Val
274      20              25              30
277 Tyr Arg Arg Phe Thr Glu Ile Tyr Glu Phe His Lys Thr Leu Lys Glu
278      35              40              45
281 Met Phe Pro Ile Glu Ala Gly Ala Ile Asn Pro Glu Asn Arg Ile Ile
282      50              55              60
285 Pro His Leu Pro Ala Pro Lys Trp Phe Asp Gly Gln Arg Ala Ala Glu
286 65              70              75              80
289 Asn Arg Gln Gly Thr Leu Thr Glu Tyr Cys Ser Thr Leu Met Ser Leu
290      85              90              95
293 Pro Thr Lys Ile Ser Arg Cys Pro His Leu Leu Asp Phe Phe Lys Val
294      100             105             110
297 Arg Pro Asp Asp Leu Lys Leu Pro
298      115             120
301 <210> SEQ ID NO: 11
302 <211> LENGTH: 103
303 <212> TYPE: PRT
304 <213> ORGANISM: Homo sapiens
306 <400> SEQUENCE: 11
308 Val Ser Ile Pro Ser Ser Asp Glu His Arg Glu Lys Lys Lys Arg Phe
309 1              5              10              15
312 Thr Val Tyr Lys Val Leu Val Ser Val Gly Arg Ser Glu Trp Phe Val
313      20              25              30
316 Phe Arg Arg Tyr Ala Glu Val Asp Lys Leu Tyr Asn Thr Leu Lys Lys
317      35              40              45
320 Gln Phe Pro Ala Met Ala Leu Lys Ile Pro Ala Lys Arg Ile Phe Gly
321      50              55              60
324 Asp Asn Phe Asp Pro Asp Phe Ile Lys Gln Arg Arg Ala Gly Leu Asn
325 65              70              75              80
328 Glu Phe Ile Gln Asn Leu Val Arg Tyr Pro Glu Leu Tyr Asn His Pro
329      85              90              95
332 Asp Val Arg Ala Phe Leu Gln

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337 <211> LENGTH: 121
338 <212> TYPE: PRT
339 <213> ORGANISM: Homo sapiens
341 <400> SEQUENCE: 12
343 Leu Thr Val Gly Ile Thr Asp Pro Glu Lys Ile Gly Asp Gly Met Asn
344 1          5          10          15
347 Ala Tyr Val Ala Tyr Lys Val Thr Thr Gln Thr Ser Leu Pro Leu Phe
348          20          25          30
351 Arg Ser Lys Gln Phe Ala Val Lys Arg Arg Phe Ser Asp Phe Leu Gly
352          35          40          45
355 Leu Tyr Glu Lys Leu Ser Glu Lys His Ser Gln Asn Gly Phe Ile Val
356          50          55          60
359 Pro Pro Pro Pro Glu Lys Ser Leu Ile Gly Met Thr Lys Val Lys Val
360 65          70          75          80
363 Gly Lys Glu Asp Ser Ser Ser Ala Glu Phe Leu Glu Lys Arg Arg Ala
364          85          90          95
367 Ala Leu Glu Arg Tyr Leu Gln Arg Ile Val Asn His Pro Thr Met Leu
368          100         105         110
371 Gln Asp Pro Asp Val Arg Glu Phe Leu
372          115         120
375 <210> SEQ ID NO: 13
376 <211> LENGTH: 117
377 <212> TYPE: PRT
378 <213> ORGANISM: Mus musculus
380 <400> SEQUENCE: 13
382 Val Gln Asp Ala Thr Val Val Asp Val Glu Lys Arg Arg Ser Pro Ser
383 1          5          10          15
386 Lys His Tyr Val Tyr Ile Ile Asn Val Thr Trp Ser Asp Ser Thr Ser
387          20          25          30
390 Gln Thr Ile Tyr Arg Arg Tyr Ser Lys Phe Phe Asp Leu Gln Met Gln
391          35          40          45
394 Leu Leu Asp Lys Phe Pro Ile Glu Gly Gly Gln Lys Asp Pro Lys Gln
395          50          55          60
398 Arg Ile Ile Pro Phe Leu Pro Gly Lys Ile Leu Phe Arg Arg Ser His
399 65          70          75          80
402 Ile Arg Asp Val Ala Val Lys Arg Leu Lys Pro Ile Asp Glu Tyr Cys
403          85          90          95
406 Arg Ala Leu Val Arg Leu Pro Pro His Ile Ser Gln Cys Asp Glu Val
407          100         105         110
410 Phe Arg Phe Phe Glu
411          115
414 <210> SEQ ID NO: 14
415 <211> LENGTH: 120
416 <212> TYPE: PRT
417 <213> ORGANISM: Homo sapiens
419 <400> SEQUENCE: 14
421 Ala Asn Ile Ala Asp Ile Glu Glu Lys Arg Gly Phe Thr Ser His Phe

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**VERIFICATION SUMMARY**

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